

PF JC103
DEC 01 2003
PATENT & TRADEMARK

O I P E
DEC 01 2003
PATENT & TRADEMARK

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/647,957
				Filing Date	08/26/2003
				First Named Inventor	James L. Cairns
				Group Art Unit	2833 2839
				Examiner Name	Unknown
Sheet	1	of	1	Attorney Docket Number	2686-PA28

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
M		4,142,770		Alfred Y. Butler, Jr., et al.	03-06-1979
		4,373,767		James L. Cairns	02-15-1983
		4,606,603		James L. Cairns	08-19-1986
		4,616,900		James L. Cairns	10-14-1986
		4,666,242		James L. Cairns	05-19-1987
		4,682,848		James L. Cairns, et al.	07-28-1987
		4,696,540		Graham L. Adams, et al.	09-29-1987
		4,887,883		Alexander L. Darbut, et al.	12-19-1989
		4,948,377		James L. Cairns	08-14-1990
		5,645,442		James L. Cairns	07-08-1997
		5,685,727		James L. Cairns	11-11-1997
		5,722,842		James L. Cairns	03-03-1998
		5,873,750		James L. Cairns, et al.	02-23-1999
		6,017,227		James L. Cairns, et al.	01-25-2000
		6,332,787	B1	Stewart M. Barlow, et al.	12-25-2001
		6,439,778	B1	James L. Cairns	08-27-2002
M		6,464,405	B2	James L. Cairns, et al.	10-15-2002

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ³
		Office ³	Number ⁴ (if known)	Kind Code ⁵			
Examiner Signature		A. Olsen			Date Considered	9-1-04	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.